PreCalculus Graphing Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ date \_\_\_\_\_

Graph the following. Label the axes. Provide the amplitude, period, phase shift, and vertical shift in the space provided. If any of these do not exist, write none. Show at least one complete positive and negative period on the graph.

1.

Amp.= \_\_\_\_\_\_\_\_\_\_\_\_\_

Period= \_\_\_\_\_\_\_\_\_\_\_\_

H.S.= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

V.S. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.

Amp.= \_\_\_\_\_\_\_\_\_\_\_\_\_

Period= \_\_\_\_\_\_\_\_\_\_\_\_

H.S.= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

V.S. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.

Amp.= \_\_\_\_\_\_\_\_\_\_\_\_\_

Period= \_\_\_\_\_\_\_\_\_\_\_\_

H.S.= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

V.S. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.

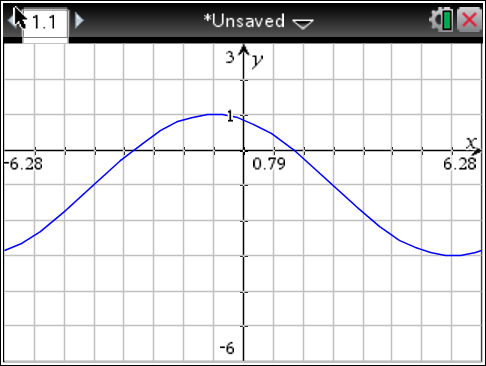
Amp.= \_\_\_\_\_\_\_\_\_\_\_\_\_

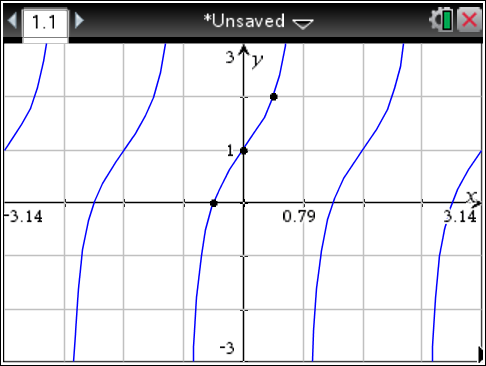
Period= \_\_\_\_\_\_\_\_\_\_\_\_

H.S.= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

V.S. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Give the equation of the graph with the given parent function.

5. Parent: cos(x) 6. Parent: Tan(x)

equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Parent: csc(x) 6. Parent: cot(x)

equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

